

## **NANCY LEE RANEK**

Environmental Policy Analysis Section  
Environmental Assessment Division  
Argonne National Laboratory

### **Education:**

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| J.D. | Southern Methodist University, Law, 1988                 |
| M.S. | University of Illinois-Urbana, Nuclear Engineering, 1975 |
| B.S. | University of Missouri-Rolla, Physics, 1973              |

### **Professional Experience:**

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| 1992-Present | Environmental Systems Engineer,<br>Environmental Assessment Division<br>Argonne National Laboratory, Washington, D.C. |
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Analyze and describe the regulatory structure applicable to Federal actions for which the U.S. Department of Energy (DOE), the Bureau of Land Management's Minerals Management Service (MMS), and the U.S. Nuclear Regulatory Commission (NRC) must fulfill responsibilities as Federal agencies under the National Environmental Policy Act (NEPA). Analyze the applicability of various State laws and regulatory programs to DOE, MMS, NRC, and Department of Defense projects. Assess the adequacy under the NEPA of existing analyses to support DOE follow-on decisions related to design, operation, and construction of depleted uranium hexafluoride conversion facilities and disposition of the conversion products. Prepare responses to questions posed by DOE field elements to the DOE Office of Pollution Prevention and Resource Conservation (EH-43) regarding compliance with the Resource Conservation and Recovery Act (RCRA). Evaluate potential effects on DOE activities of new and revised regulations proposed by the U.S. Environmental Protection Agency (EPA) to implement the RCRA. Analyze and synthesize comments from DOE Field and Program elements to create DOE consolidated comment packages on such EPA proposals. Counsel EH-43 on methods for obtaining regulatory relief for DOE sites in the area of mixed waste management, and compile petitions to the EPA for such relief. Formulate guidance for use by DOE waste management personnel in complying with EPA regulations and DOE directives applicable to waste management and site decommissioning. Analyze legislative proposals for modifying RCRA and evaluate potential effects of such proposals on DOE activities.

### **Summary of Previous Experience:**

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| 1991-1992 | Attorney, Newman & Holtzinger, P.C., Washington, D.C. |
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Performed legal research and writing, and advised private sector industrial clients concerning nuclear and environmental regulatory matters.

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| 1988-1991 | Manager, Environmental Compliance<br>Chaparral Steel Company, Midlothian, TX |
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Interfaced with state and federal regulatory agencies concerning compliance with air emissions and hazardous waste disposal permits. Managed on-site waste handling, storage and disposal activities.

Arranged and coordinated off-site hazardous waste shipments and disposal. Managed the process of obtaining new and renewed federal and state environmental permits for steel recycling facilities. Administered consultant contracts. Prepared the environmental management budget. Supervised and trained staff regarding environmental compliance activities.

1979-1985      Manager, Environmental Assessments/Shift Foreman  
Central and South West Services, Inc., Dallas, TX

Managed new facility environmental permitting activities for jointly-owned power plants, surface mines and transmission facilities for this major electric utility holding company. Supervised staff. Negotiated and administered environmental consultant agreements. Interfaced with state and federal environmental regulatory agencies. Prepared licensing documents and permit applications. Served on project teams. Supervised shift operations during flue gas desulfurization start-up at a 640-MW lignite-fired power plant in eastern Texas.

1976-1979      Nuclear Licensing Engineer/Environmental Engineer  
Florida Power & Light Company, Miami, FL

Implemented Nuclear Regulatory Commission Environmental Technical Specifications for two nuclear power stations and assisted with supervision of NPDES permit compliance for nine fossil-fired power stations. Assisted with regulatory interface concerning all aspects of compliance with Nuclear Regulatory Commission safety regulations and technical specifications for two nuclear power stations.

#### **Research Interests:**

Technical and policy considerations influencing decisions about disposition of depleted uranium and coal combustion byproducts.

Technical and policy considerations complicating the regulation of mixed waste.

#### **Professional Licenses and Memberships:**

State Bar of Texas No. 16541250

District of Columbia Bar No. 424862

American Bar Association

American Nuclear Society

Air & Waste Management Association

Society of Women Engineers

National Association of Environmental Professionals

#### **Other Professional Activities:**

Co-instructor of intensive seminar on environmental laws and regulations, University of Chicago, Graham School of General Studies, 1998.

#### **Publications:**

Author or coauthor of 30 publications and conference presentations.